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## PATENT COOPERATION TREATY

From		AL PRELIMINARY EXAMÍN	UNG ALITHOPITY	MATION IRE	AII				
To:	MATIOIA,	ALFREDIMINAR' BANKIN	ING AUTHORITI	PCT					
14th 826-	14 Yeok	B Network Bldg. sam-dong,		WRITTEN OPINION					
Seo	gnam-ku ul 135-70 ublic of h	69		(PCT Rule 66)					
l copi		(Orea		Date of mailing (day/month/year) 27 February 2006 (27.02.2006)					
Appli	cunt's or a	agent's file reference		REPLY DUE					
227				within 1 months/ <del>days</del> from the above date of mailing					
		plication No. 04/002590	International filing da 11 October 2004	g datc (day/month/year) Priority date (day/month/year)					
Interr IPC <sup>8</sup>	ational Pa	atent Classification (IPC) or 31/56 (2006.01)	both national classific	ation and IPC					
Appli SK (		ALS CO. LTD.							
<u></u>									
1.	This writ	ten opinion is the first (fir	rst, etc.) drawn by this	International Preliminary	Examining Authority.				
2.	<ul> <li>This opinion contains indications relating to the following items:</li> <li>Basis of the opinion</li> </ul>								
	Щ.	Priority							
III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability									
	ı٧.	Lack of unity of in	vention						
	V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability citations and explanations supporting such statement								
VI. Certain documents cited									
	VII.	Certain defects in							
	VIII.	Certain observatio	ns on the international	application					
3.	The appl	icant is hereby invited to re	ply to this opinion.						
	ion of that time limit, request this Authority								
	How?	W? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see Rules 66.8 and 66.9.							
	Also For an additional opportunity to submit amendments, see Rule 66.4.  For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4bis.  For an informal communication with the examiner, see Rule 66.6.								
	If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.								
4.	4. The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 10.02.2006.								
Name	and moil	ing address of the IPEA/AT		Authorized officer					
Austr	ian Patent	Office	•	- Idaioi da officia	KRENN M.				
1		e 87, A-1200 Vienna							
Facsi	mile No. I	/53424/200	<del></del>	Telephone No. 1/53424/435					

Form PCT/IPEA/40S (cover sheet) (July 1998)

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## WRITTEN OPINION

International application No. PCT/KR 2004/002590

	<del>1.</del>	Basis of the	opinion					
1	1. With regard to the elements of the international application:*							
			onal application as originally filed					
1	Ţ	the description	the description:					
		pages	, as originally filed					
		pages	, filed with the demand					
		pages	, filed with the letter of					
	г	<b>-</b>	•					
	L	the claims:						
1		pages	, as originally filed					
		pages	, as amended (together with any statement) under Article 19					
		pages	, filed with the demand					
		pages	, filed with the letter of					
		] the drawings:						
		pages	, as originally filed					
		pages	, filed with the demand					
1		pages	, filed with the letter of					
	Γ	the sequence!	listing part of the description:					
	_	pages	, as originally filed					
		pages	, filed with the demand					
		pages	, filed with the letter of					
_		. •						
2.			anguage, all the elements marked above were available or furnished to this Authority in the language in onal application was filed, unless otherwise indicated under this item.  The available or furnished to this Authority in the following language which is:					
		the language o	of a translation furnished for the purposes of international search (under Rule 23.1(b)).					
			f publication of the international application (under Rule 48.3(b)).					
			f the translation lumished for the purposes of international preliminary examination (under Rule 55.2 and/					
3.	Wif wa	th regard to any r is drawn on the b	nucleotide and/or amino acid sequence disclosed in the international application, the written opinion asis of the sequence listing:					
		contained in the	e international application in printed form.					
		filed together v	vith the international application in computer readable form.					
		furnished subsc	equently to this Authority in written form.					
		furnished subse	equently to this Authority in computer readable form.					
		The statement to international app	hat the subsequently furnished written sequence listing does not go beyond the disclosure in the plication as filed has been furnished.					
		The statement to been furnished.	hat the information recorded in computer readable form is identical to the written sequence listing has					
i.		The amendment	ts have resulted in the cancellation of:					
		the descrip	tion, pages .					
		the claims,	Nos.					
		the drawing	gs, sheets/fig .					
		This opinion has go beyond the d	s been drawn as if (some of) the amendments had not been made, since they have been considered to lisclosure as filed, as indicated in the Supplemental Box (Rule $70.2(c)$ ).					
* R in	eplac this o	ement sheets whi pinion as "origin	ich have been furnished to the receiving Office in response to an invitation under Article 14 are referred to tally filed".					

International application No.

WRITTEN OPINION						PCT/KR 2004/002590			
V. Rea	soned statement und tions and explanation	ler Rule 6 ns suppor	6.2(a)(ii) v ting such :	vith regard to nov	velty, inventi	ve step or industrial applicab	oility;		
1. Stateme	Statement								
Novel	ty (N)	Claims					YES		
		Claims	1-5				NO		
Invent	ive step (IS)	Claims	· ·				YES		
		Claims	1-5				NO		
Industr	rial applicability (IA)	Claims	1-5		-		YES		
		Claims					NO		
Citations and e	•		-				*****		
D1: CHUN the acetyle	NG et al.,"Inhibi cholinesterase.	tory eff ", Mole	ect of u	rsolic acid p nd Cells, 30	urified fro Apr. 200	m Origanum mayora 1, Vol. 11(2), pp. 137	na L. on '-143		
D3: KR 2 BIOTECH	piecules and Ce 2003-0042123 NOLOGY) 28 N	ыs, 20 А (КС Иау 20	Feb. 20 REA F 03	002, Vol. 13( RESEARCH	(1), pp. 5- INSTITU	ITE OF BIOSCIENC	CE AND		
D5: KITAN	oty in rats.", Ne VI et al.,"Phan ial reference	euroscie macolo to the	ence Le gical m effects	etters, 20 Mag nodifications sof depren	y 2004, V of endog yl: a po	rons against kainite- ol. 362(2), pp.136-14 genous antioxidant e ssible antioxidant s 11(2-3) pp. 211-221	10 enzymes		

D6: US 6607758 B2 D7: US 2002/0042535 A1

The subject matter of claims 1-5 (= first medical use claims) is anticipated by D1, D2 and D4 which refer to the use of ursolic acid (= one of the presently claimed compounds) in medicine.

The relevance of D3 is not understood, because it refers to the use of tiarellic acid, which structurally differs from the compounds presently claimed.

Furthermore, the classification of D5 as "A"-document is not comprehensible, because it discusses the pharmacological activity of ursodeoxycholic acid resp. ursolic acid; the latter is claimed in the present application.

D6 discloses a method of inhibiting amyloid formation consisting in the administration of a therapeutically effective amount of plant matter from a plant of the genus Uncaria.

D7 refers to a steroid compound, which can be used for the treatment of cancer, neurodegenerative diseases, etc..

Consequently, in respect to D1, D2, D4 and D5 claims 1-5 are neither new nor inventive.

Industrial applicability is given.